

# DNR2700Z

True Day/Night 27x Bodied Zoom Camera



DNR2700Z

## DATASHEET

### Key Features

- 1/4" Sony Super HAD CCD
- Super High Resolution (550 TVL)
- 27x Optical Zoom Lens with 12x Digital Zoom
- Mechanical IR Cut-Filter
- On Screen Display Menu
- Digital Noise Reduction (DNR)
- Saves up to 70% HDD Storage with DNR, Using MPEG Format
- Digital Image Stabilizer (DIS)
- Selectable Electronic Shutter Control
- Selectable White Balance
- Selectable Back Light Compensation
- Selectable Gain Control
- Sens-Up x256
- Privacy Masking – 8 Programmable Zones
- Mirror Function – Horizontal Image Inversion
- Motion Detection
- DC12V

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## Technical Specification

Model Number	DNR2700Z
Image Sensor	1/4" Sony Super HAD CCD
Effective Pixels (H x V)	752 x 582
Horizontal Resolution	550 TVL (Col), 680 TVL (Mono)
Scanning System	2:1 Interlace
Lens	27x Optical Zoom, (F1.6~2.9), 3.5 – 94.5mm
Minimum Illumination (F1.6, 50IRE)	0.4 Lux (Colour), 0.02 Lux (Mono), 0.002 Lux (with Sens-Up On)
Digital Zoom	ON / OFF (Up to 12x)
Angle of View	H : Appr. 55.5°C (Wide) to 1.59°C (Tele), V : Appr. 42.5°C (Wide) to 1.19°C (Tele)
Synchronisation	Internal
Frequency	Horizontal: 15.625 KHz Vertical: 50.00 Hz
Camera Title	ON/OFF
Video Output	CVBS 1.0Vp-p / 75Ω
Shutter Speed	Auto / Manual / A.FLK
Automatic Gain Control	OFF / LOW / MEDIUM / HIGH / MANUAL
White Balance	ATW / AWC / MANUAL / INDOOR / OUTDOOR
Back Light Compensation	BLC / HLC / OFF Selectable
Day & Night	AUTO / COLOUR / B&W / Ext
S/N Ratio	>50dB (AGC Off)
OSD	Yes, Built-In
Motion Detection	ON / OFF (Output via Communication)
DNR	OFF / LOW / MEDIUM / HIGH
Focus	Auto / Manual / One-Push
Zoom Movement Speed	2.5 Sec: Wide to Tele
Flip	ON / OFF
Mirror	ON / OFF
DIS	ON / OFF
Privacy Function	ON / OFF (8 Zones)
Preset	128 Positions
Protocols	PELCO-D, PELCO-P, Others
Iris Control	AUTO / MANUAL
Lens Initialise	Built-In
Communication	RS-485 (2400, 4800, 9600, 19200, 38400, 57600, 115200 bps)
Power Consumption	DC12V (Max. 420mA),
Power Supply	DC12V
Operating Conditions	Temperature: -10°C ~ +50°C Humidity: 20% ~ 80% RH
Storage Conditions	Temperature: -20°C ~ +60°C Humidity: 20% ~ 95% RH
Dimensions (W x H x D)	64 x 64 x 140 mm
Weight	610g

Features and specifications are subject to change for further improvement without any notice

## Accessories

- CWB-130 - Adjustable Bracket for Box Camera, M6 Screw Fixing, Ivory
- CWB-130S - Adjustable Bracket for Box Camera, M6 Screw Fixing, Silver
- BR-01S - Fully Cable Managed Box Camera Bracket, M6 Screw Fixing, Silver
- BR02W - Cable Managed Metal Wall Mount Camera Bracket, White
- FILTERKIT4 - Filter Set Up Kit
- PSU1SM - Switched Mode Power Supply Unit, DC12V 1A